

DERWENT-ACC-NO: 1982-01838J

DERWENT-WEEK: 198247

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TITLE: Lubricant-cooling emulsion for hot  
rolling of aluminium alloys - of fatty alcohol(s),  
ethylene!-propylene! copolymer, di:ethylene glycol,  
tri:ethanolamine oleic acid, polyethoxylated stearic acid and  
PVA

INVENTOR: MYSVAKIN, B A; YUSHKIN, M P

PRIORITY-DATA: 1980SU-2945842 (June 25, 1980)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
SU 899635 B	January 23, 1982	N/A
005	N/A	

INT-CL (IPC): C10M001/06

ABSTRACTED-PUB-NO: SU 899635B

BASIC-ABSTRACT:

A more stable liquid which cools and lubricates Al or alloy more efficiently,  
is made from the formulation contg. (in wt.%): C10-C20 synthetic fatty alcohols  
(I) 0.0012-0.06, ethylene-propylenediene copolymer (II) 0.002-0.150,  
diethylene-glycol 0.012-0.150, triethanolamine 0.025-0.174, oleic acid  
0.050-0.354, mineral oil 0.5-2.112, polyoxyethylated stearic acid with 20 mols  
ethylene oxide (III) 0.006-0.2, polyvinylalcohol 0.004-0.16, and water the  
rest. (5pp)

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Basic Abstract Text - ABTX (1):

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C10-C20 synthetic fatty alcohols (I) 0.0012-0.06, ethylene-propylenediene copolymer (II) 0.002-0.150, diethylene-glycol 0.012-0.150, triethanolamine 0.025-0.174, oleic acid 0.050-0.354, mineral oil 0.5-2.112, polyoxyethylated stearic acid with 20 mols ethylene oxide (III) 0.006-0.2, polyvinylalcohol 0.004-0.16, and water the rest. (5pp)